

What is claimed is:

1. A compressed audio data reproduction apparatus comprising:

a plurality of decoders configured to decode compressed audio data of respective exclusive compression forms;

a compression form identifying portion configured to identify the compression form based on header information of the compressed audio data; and

a selector configured to select the decoders corresponding to the compression form identified by said compression form identifying portion from said plurality of decoders.

2. The compressed audio data reproduction apparatus according to claim 1, wherein the compressed audio data includes compressed data having an extension by which a file type is identified, and bit stream compressed data typified by a compact disk (CD), and

said compression form identifying portion identifies the compression form for said compressed data having the extension based on the header information, and selects a predetermined compression form for said bit stream compressed data.

3. The compressed audio data reproduction apparatus according to claim 1, wherein said header section includes at least ID information indicating whether or not the audio data is of a moving picture experts group (MPEG) standard, and layer information indicating a layer, and

said compression form identifying portion identifies at least MPEG-1 audio layer 3 (MP3) data and adaptive audio coding (AAC) data based on said ID information and said layer information.

4. The compressed audio data reproduction apparatus according to claim 1, wherein said compression form identifying portion stores a frame constitution inherent in each of different compression forms in a database, and searches for the database to identify the compression form.

5. The compressed audio data reproduction apparatus according to claim 1, wherein said compression form identifying portion identifies the compression form without utilizing a file management function of an operating system.

6. The compressed audio data reproduction apparatus according to claim 1, further comprising:

a compressed data reading portion configured to read the compressed audio data from a recording medium in which the compressed audio data is recorded; and

a D/A converter configured to convert the data decoded by said decoders selected by said selector to an analog signal,

said plurality of decoders, said compression form identifying portion, said selector, said reading portion, and said D/A converter being contained in the same housing.

7. The compressed audio data reproduction apparatus according to claim 1, further comprising:

a CD reading portion configured to read bit stream data recorded in a CD,

said CD reading portion being disposed in a housing separate from a housing in which said plurality of decoders, said compression form identifying portion, said selector, said reading portion, and said D/A converter are contained.

8. A compressed audio data reproducing method for decoding and reproducing compressed audio data of a plurality of compression forms with decoders exclusive for the respective compression forms, said compressed audio data reproducing method comprising steps of:

identifying the compression form based on header information of said compressed audio data; and

selecting said decoders corresponding to the identified compression form.

9. The compressed audio data reproducing method according

to claim 8, wherein the compressed audio data includes compressed data having an extension by which a file type is identified, and bit stream compressed data typified by a compact disk (CD), and

said step of identifying the compression form identifies the compression form for said compressed data having the extension based on the header information, and selects the predetermined compression form for said bit stream compressed data.

10. The compressed audio data reproducing method according to claim 8, wherein said header section includes at least ID information indicating whether or not the audio data is of a moving picture experts group (MPEG) standard, and layer information indicating a layer, and

said step of identifying the compression form identifies at least MPEG-1 audio layer 3 (MP3) data and adaptive audio coding (AAC) data based on said ID information and said layer information.

11. The compressed audio data reproducing method according to claim 8, wherein said step of identifying the compression form stores a frame constitution inherent in each of different compression forms in a database, and searches for the database to identify the compression form.

12. The compressed audio data reproducing method according to claim 8, wherein said step of identifying the compression form identifies the compression form without utilizing a file management function of an operating system.

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